

Title (en)

Method and device for continuous readjustement of panoramic surveillance images

Title (de)

Verfahren und Vorrichtung zur kontinuierlichen Wiederpositionierung von Panorama-Überwachungsbildern

Title (fr)

Procédé et dispositif de recalage continu d'images en veille panoramique

Publication

**EP 0519773 B1 19970312 (FR)**

Application

**EP 92401384 A 19920521**

Priority

FR 9107672 A 19910621

Abstract (en)

[origin: EP0519773A1] Method and device for continuously readjusting panoramic surveillance images which consists in using characteristic points extracted from the image during its acquisition (1), in comparing them with the characteristic points of the previous image (4) and in estimating, in a continuous fashion, the instantaneous parameters of the deformation by application of the Kalman filter (5) from measurements of the differences between the predicted characteristic points and those obtained in the current image. Application: panoramic imaging systems. <IMAGE>

IPC 1-7

**G01S 3/786**; **G01S 17/88**

IPC 8 full level

**G01S 3/786** (2006.01); **G01S 17/89** (2020.01)

CPC (source: EP US)

**G01S 3/7865** (2013.01 - EP US); **G01S 17/89** (2013.01 - EP US)

Cited by

US2009249787A1; US8651100B2

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**EP 0519773 A1 19921223**; **EP 0519773 B1 19970312**; DE 69218052 D1 19970417; FR 2678088 A1 19921224; FR 2678088 B1 19950303

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